This tab is used to capture information regarding the patient’s care during the time in the ED including vitals, prescriptions, and test results.
You know you are on the “Initial Assessment” tab when the tab is highlighted. The information on the screen should be the same as what you see here.
The “(Initial ED/Hospital) Vitals Date” element (TR18.104) is defined as “the date of the first recorded vitals in the ED/Hospital setting”. If you would prefer not to type the date in, click on the calendar icon and select a date.

The “(Initial ED/Hospital) Vitals Time” element (TR18.110) is defined as “the time of the first recorded vitals in the ED/Hospital setting”.

The Initial Assessment Screen – Vital Signs

The Vital Signs screen shows the recorded vital signs for a patient. The date and time are displayed, along with the patient’s vital signs (BP, Pulse Rate, Resp Rate, SpO2, GCS). The Glasgow Eye, Verbal, and Motor scores are also shown, with options for patient’s age and GCS qualifier (e.g., patient chemically sedated, intubated). Temperature, if applicable, and other fields can be filled in as well.
The “(Initial ED/Hospital) Glasgow Eye” element (TR18.14) is defined as “the first recorded Glasgow Coma Score for the eye in the ED/Hospital within 30 minutes or less of ED/Hospital arrival time”. This value is used to calculate the overall GCS score for the ED/Hospital. Select an option from the drop-down menu. This is a national data element.

The “(Initial ED/Hospital) Glasgow Verbal” element (TR18.15.2) is defined as “the first recorded Glasgow Coma Score for verbal in the ED/Hospital within 30 minutes or less of ED/Hospital arrival time”. This value is used to calculate the overall GCS score for the ED/Hospital. Select an option from the drop-down menu. This is a national data element.

The “(Initial ED/Hospital) Glasgow Motor” element (TR18.16.2) is defined as “the first recorded Glasgow Coma Score for motor in the ED/Hospital within 30 minutes or less of ED/Hospital arrival time”. This value is used to calculate the overall GCS score for the ED/Hospital. Select an option from the drop-down menu. This is a national data element.
The “(Initial ED/Hospital) GCS (Assessment) Qualifier” element (TR18.21) is defined as “the documentation of factors potentially affecting the first assessment of GCS within 30 minutes or less of ED/Hospital arrival”. Select multiple qualifiers (up to three) by holding down the ‘Shift’ key. This is a national data element.

The “(Initial ED/Hospital) Temperature” element (TR18.30) is defined as “the first recorded temperature (in degrees Celsius or Fahrenheit) in the ED/Hospital within 30 minutes or less of ED/hospital arrival”. Enter Celsius or Fahrenheit and it will auto-generate the Fahrenheit or Celsius, respectively. This is a national data element.
The “(Initial ED/Hospital) Sys. BP” element (TR18.11) is defined as “the first recorded systolic blood pressure in the ED/Hospital within 30 minutes or less of ED/hospital arrival”. It is used to auto-calculate the Revised Trauma Score for the ED. This is a national data element.

The “(Initial ED/Hospital) Dia. BP” element (TR18.13) is defined as “the first recorded diastolic blood pressure in the ED/Hospital within 30 minutes or less of ED/hospital arrival time”.

The “(Initial ED/Hospital) Pulse Rate” element (TR18.2) is defined as “the first recorded pulse rate (palpated or auscultated) in the ED/Hospital within 30 minutes or less of ED/hospital arrival time, expressed as a number per minute. This is a national data element.
The “(Initial ED/Hospital) Resp. Rate” element (TR18.7) is defined as “the first recorded respiratory rate in the ED/Hospital within 30 minutes or less of ED/Hospital arrival time, expressed as a number per minute”. It is used to auto-calculate the Revised Trauma Score for the ED. This is a national data element.

The “(Initial ED/Hospital) SpO2 (Oxygen Saturation)” element (TR18.31) is defined as “the first recorded oxygen saturation in the ED/Hospital within 30 minutes or less of ED/hospital arrival time. This is a national data element.

The “(Initial ED/Hospital) Manual GCS” element (TR18.19) is defined as “the first recorded Glasgow Coma score (total) in the ED/Hospital within 30 minutes or less of ED/hospital arrival”. Utilize this field only if the total score is available, but the component scores are not. The GCS is used to auto-generate an additional calculated field: Revised Trauma Score in the ED (adult & pediatric). This is a national data element.
The “(Initial ED/Hospital Revised Trauma Score) RTS” element (TR18.28) is defined as “a physiological scoring system used to predict death from injury or need for trauma center care. It is scored based upon the initial vital signs obtained from the patient in the ED or hospital setting”. The RTS is auto-generated (adult). The “PTS” element (TR21.10) is the Pediatric Trauma Score and is auto-generated. This element only appears if the patient’s age is 0-2 years old.

The “(Initial ED/Hospital) Supplemental Oxygen” element (TR18.109) is defined as “the determination of the presence of supplemental oxygen during assessment of initial ED/hospital oxygen saturation level within 30 minutes or less of ED/Hospital arrival time”. Select an option from the drop-down menu. This is a national data element.

The “(Initial ED/Hospital) Resp. Assistance” element (TR18.10) is defined as “determination of respiratory assistance associated with the Initial ED/Hospital respiratory rate within 30 minutes or less of ED/hospital arrival time”. Only complete if a value is provided for the “Respiratory Rate” in the ED/Hospital setting. Select an option from the drop-down menu. This is a national data element.
Once you have entered all available information, to save the changes, click the “Add Vital Sign” button.
Once you have clicked “Add Vital Sign”, the screen will refresh and you will see the information in the middle of the screen. On the left-hand side of the screen there is an EKG icon that allows you to edit the ED/Hospital vitals. If you change any of the information, you must click the “Save” button and the screen will refresh and show the updated information in the middle of the screen. Once you have entered multiple sets of vital signs taken, change the order of the vital signs by clicking and dragging the black arrows on the left-hand side of the screen.

Delete the collected Vital Signs by clicking on the red X Icon on the right-hand side of the screen.
The “Alcohol Use Indicator” element (TR18.46) is defined as “use of alcohol by the patient”. Select an option from the drop-down menu. This is a national data element.

If “Yes” is selected in the “Alcohol Use Indicator” element, a new data element will appear on the form that will allow you to numerically enter the patient’s “Blood Alcohol Content (BAC)” (TR18.103).
The “Drug Use Indicator” element (TR18.45) is defined as “use of drugs by the patient”. Select from a drop-down menu. This is a national data element.

If “Yes” is selected in the “Drug Use Indicator” element, a new data element “Drug (Involvement Toxic) Screen” (TR18.91) will appear on the form that will allow you to select the drugs present when drug screening was performed in the ED.
When you click on the “Add Drug” button, it pulls up a list of drugs to choose from. Select multiple boxes that apply to the patient. When you are done selecting drugs, click the “Save” button to return to the main Initial Assessment Screen.
Click the “Save and Continue” button to save the information just entered and to continue to the next tab. Clicking the “Save” button will save the information, but you will not progress to the next tab.